

rteres

Instrument :

FID\_E

ClientSampleId :

TR-05-09162025MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE09172  
Data File : FE055879.D  
Signal(s) : FID1B.ch  
Acq On : 17 Sep 2025 17:39  
Sample : Q3115-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.828       | 2.804        | 2.873      | PV       | 67621          | 1023998      | 7.46%          | 0.287%        |
| 2         | 2.887       | 2.873        | 2.931      | PV       | 824            | 7451         | 0.05%          | 0.002%        |
| 3         | 2.954       | 2.931        | 3.011      | PV       | 137            | 3967         | 0.03%          | 0.001%        |
| 4         | 3.049       | 3.011        | 3.073      | PV       | 471            | 7981         | 0.06%          | 0.002%        |
| 5         | 3.106       | 3.073        | 3.135      | VV       | 3294           | 34363        | 0.25%          | 0.010%        |
| 6         | 3.148       | 3.135        | 3.165      | VV       | 215            | 3034         | 0.02%          | 0.001%        |
| 7         | 3.193       | 3.165        | 3.239      | VV       | 539            | 12012        | 0.09%          | 0.003%        |
| 8         | 3.255       | 3.239        | 3.266      | PV       | 401            | 4230         | 0.03%          | 0.001%        |
| 9         | 3.286       | 3.266        | 3.333      | VV       | 526            | 11060        | 0.08%          | 0.003%        |
| 10        | 3.346       | 3.333        | 3.378      | VV       | 126            | 1787         | 0.01%          | 0.001%        |
| 11        | 3.411       | 3.378        | 3.513      | VV       | 431998         | 4283502      | 31.21%         | 1.201%        |
| 12        | 3.529       | 3.513        | 3.540      | VV       | 267            | 3244         | 0.02%          | 0.001%        |
| 13        | 3.558       | 3.540        | 3.578      | VV       | 680            | 9208         | 0.07%          | 0.003%        |
| 14        | 3.590       | 3.578        | 3.611      | VV       | 474            | 6247         | 0.05%          | 0.002%        |
| 15        | 3.630       | 3.611        | 3.644      | VV       | 317            | 5347         | 0.04%          | 0.001%        |
| 16        | 3.653       | 3.644        | 3.676      | VV       | 367            | 4426         | 0.03%          | 0.001%        |
| 17        | 3.698       | 3.676        | 3.711      | VV       | 314            | 3678         | 0.03%          | 0.001%        |
| 18        | 3.765       | 3.744        | 3.822      | VV       | 1284           | 27387        | 0.20%          | 0.008%        |
| 19        | 3.883       | 3.822        | 3.914      | VV       | 3636           | 53366        | 0.39%          | 0.015%        |
| 20        | 3.944       | 3.914        | 3.979      | VV       | 646            | 13413        | 0.10%          | 0.004%        |
| 21        | 4.053       | 4.039        | 4.077      | VV       | 661            | 7799         | 0.06%          | 0.002%        |
| 22        | 4.207       | 4.166        | 4.224      | PV       | 1589           | 21236        | 0.15%          | 0.006%        |
| 23        | 4.240       | 4.224        | 4.261      | VV       | 821            | 13857        | 0.10%          | 0.004%        |
| 24        | 4.279       | 4.261        | 4.304      | VV       | 846            | 18588        | 0.14%          | 0.005%        |
| 25        | 4.315       | 4.304        | 4.341      | VV       | 939            | 11644        | 0.08%          | 0.003%        |
| 26        | 4.350       | 4.341        | 4.360      | VV       | 164            | 1539         | 0.01%          | 0.000%        |
| 27        | 4.393       | 4.360        | 4.404      | VV       | 1855           | 23617        | 0.17%          | 0.007%        |
| 28        | 4.411       | 4.404        | 4.425      | VV       | 1409           | 13995        | 0.10%          | 0.004%        |
| 29        | 4.442       | 4.425        | 4.469      | VV       | 1768           | 25794        | 0.19%          | 0.007%        |
| 30        | 4.484       | 4.469        | 4.529      | VV       | 595            | 12498        | 0.09%          | 0.004%        |
| 31        | 4.565       | 4.529        | 4.586      | PV       | 916            | 14718        | 0.11%          | 0.004%        |
| 32        | 4.612       | 4.586        | 4.637      | VV       | 1356           | 18411        | 0.13%          | 0.005%        |
| 33        | 4.669       | 4.637        | 4.689      | VV       | 505664         | 4870683      | 35.49%         | 1.366%        |
| 34        | 4.709       | 4.689        | 4.764      | VV       | 529919         | 5229235      | 38.11%         | 1.467%        |
| 35        | 4.781       | 4.764        | 4.807      | VV       | 5923           | 68669        | 0.50%          | 0.019%        |
| 36        | 4.829       | 4.807        | 4.869      | VV       | 9050           | 109672       | 0.80%          | 0.031%        |

|    |       |       |       |    | retention |         |        |        |
|----|-------|-------|-------|----|-----------|---------|--------|--------|
| 37 | 4.887 | 4.869 | 4.937 | VV | 1480      | 36443   | 0.27%  | 0.010% |
| 38 | 4.953 | 4.937 | 4.965 | VV | 1419      | 14526   |        |        |
| 39 | 4.981 | 4.965 | 4.997 | VV | 2140      | 24246   |        |        |
| 40 | 5.015 | 4.997 | 5.026 | VV | 1486      | 19564   |        |        |
| 41 | 5.036 | 5.026 | 5.049 | VV | 1622      | 17825   |        |        |
| 42 | 5.060 | 5.049 | 5.069 | VV | 1214      | 12667   |        |        |
| 43 | 5.088 | 5.069 | 5.103 | VV | 3315      | 39564   | 0.29%  | 0.011% |
| 44 | 5.130 | 5.103 | 5.153 | VV | 2681      | 50920   | 0.37%  | 0.014% |
| 45 | 5.286 | 5.271 | 5.305 | VV | 1052      | 11789   | 0.09%  | 0.003% |
| 46 | 5.431 | 5.409 | 5.444 | VV | 2370      | 27848   | 0.20%  | 0.008% |
| 47 | 5.460 | 5.444 | 5.478 | VV | 5034      | 53957   | 0.39%  | 0.015% |
| 48 | 5.490 | 5.478 | 5.531 | VV | 1731      | 33146   | 0.24%  | 0.009% |
| 49 | 5.547 | 5.531 | 5.571 | PV | 397       | 5132    | 0.04%  | 0.001% |
| 50 | 5.591 | 5.571 | 5.604 | VV | 2494      | 29697   | 0.22%  | 0.008% |
| 51 | 5.689 | 5.676 | 5.706 | VV | 4178      | 46351   | 0.34%  | 0.013% |
| 52 | 5.719 | 5.706 | 5.731 | VV | 1565      | 19676   | 0.14%  | 0.006% |
| 53 | 5.831 | 5.774 | 5.863 | VV | 8980      | 227722  | 1.66%  | 0.064% |
| 54 | 5.882 | 5.863 | 5.917 | VV | 1559      | 26646   | 0.19%  | 0.007% |
| 55 | 5.968 | 5.958 | 5.977 | VV | 520       | 4378    | 0.03%  | 0.001% |
| 56 | 6.036 | 6.026 | 6.061 | VV | 2266      | 27429   | 0.20%  | 0.008% |
| 57 | 6.107 | 6.061 | 6.150 | VV | 7980      | 183013  | 1.33%  | 0.051% |
| 58 | 6.163 | 6.150 | 6.184 | VV | 3152      | 40148   | 0.29%  | 0.011% |
| 59 | 6.203 | 6.184 | 6.266 | VV | 10904     | 175262  | 1.28%  | 0.049% |
| 60 | 6.291 | 6.266 | 6.313 | VV | 4716      | 65059   | 0.47%  | 0.018% |
| 61 | 6.344 | 6.313 | 6.361 | VV | 5200      | 95089   | 0.69%  | 0.027% |
| 62 | 6.388 | 6.361 | 6.462 | VV | 645641    | 6414805 | 46.74% | 1.799% |
| 63 | 6.485 | 6.462 | 6.508 | VV | 4617      | 81507   | 0.59%  | 0.023% |
| 64 | 6.531 | 6.508 | 6.559 | VV | 7723      | 155631  | 1.13%  | 0.044% |
| 65 | 6.575 | 6.559 | 6.601 | VV | 6066      | 110854  | 0.81%  | 0.031% |
| 66 | 6.618 | 6.601 | 6.634 | VV | 7122      | 89966   | 0.66%  | 0.025% |
| 67 | 6.671 | 6.634 | 6.696 | VV | 6454      | 155105  | 1.13%  | 0.044% |
| 68 | 6.717 | 6.696 | 6.732 | VV | 3080      | 49953   | 0.36%  | 0.014% |
| 69 | 6.775 | 6.732 | 6.808 | VV | 12383     | 228159  | 1.66%  | 0.064% |
| 70 | 6.845 | 6.808 | 6.898 | VV | 580018    | 5917205 | 43.12% | 1.660% |
| 71 | 6.933 | 6.898 | 6.947 | VV | 3902      | 80312   | 0.59%  | 0.023% |
| 72 | 6.962 | 6.947 | 6.981 | VV | 5232      | 85876   | 0.63%  | 0.024% |
| 73 | 6.997 | 6.981 | 7.030 | VV | 7123      | 128241  | 0.93%  | 0.036% |
| 74 | 7.048 | 7.030 | 7.064 | VV | 6952      | 89135   | 0.65%  | 0.025% |
| 75 | 7.074 | 7.064 | 7.084 | VV | 2662      | 25411   | 0.19%  | 0.007% |
| 76 | 7.192 | 7.154 | 7.223 | VV | 5013      | 127959  | 0.93%  | 0.036% |
| 77 | 7.296 | 7.283 | 7.310 | VV | 3855      | 48550   | 0.35%  | 0.014% |
| 78 | 7.333 | 7.310 | 7.350 | VV | 9417      | 132064  | 0.96%  | 0.037% |
| 79 | 7.390 | 7.350 | 7.407 | VV | 18566     | 303000  | 2.21%  | 0.085% |
| 80 | 7.423 | 7.407 | 7.448 | VV | 11736     | 165364  | 1.21%  | 0.046% |
| 81 | 7.490 | 7.448 | 7.550 | VV | 671271    | 6847250 | 49.90% | 1.920% |
| 82 | 7.569 | 7.550 | 7.609 | VV | 12165     | 248323  | 1.81%  | 0.070% |
| 83 | 7.629 | 7.609 | 7.655 | VV | 9660      | 174686  | 1.27%  | 0.049% |
| 84 | 7.793 | 7.736 | 7.822 | VV | 25469     | 660215  | 4.81%  | 0.185% |
| 85 | 7.838 | 7.822 | 7.858 | VV | 9451      | 145306  | 1.06%  | 0.041% |
| 86 | 7.871 | 7.858 | 7.911 | VV | 6494      | 154672  | 1.13%  | 0.043% |
| 87 | 7.924 | 7.911 | 7.944 | VV | 2639      | 48924   | 0.36%  | 0.014% |
| 88 | 7.974 | 7.944 | 8.013 | VV | 14853     | 317705  | 2.32%  | 0.089% |
| 89 | 8.073 | 8.048 | 8.085 | VV | 4647      | 68542   | 0.50%  | 0.019% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.166  | 8.156  | 8.178  | VV | 6045   | 71903   | 0.52%  | 0.020% |
| 91  | 8.188  | 8.178  | 8.214  | VV | 5703   | 109777  |        |        |
| 92  | 8.235  | 8.214  | 8.267  | VV | 8689   | 206722  |        |        |
| 93  | 8.281  | 8.267  | 8.299  | VV | 6890   | 107685  |        |        |
| 94  | 8.323  | 8.299  | 8.345  | VV | 8550   | 146383  |        |        |
| 95  | 8.415  | 8.392  | 8.464  | VV | 16203  | 400354  |        |        |
| 96  | 8.499  | 8.464  | 8.542  | VV | 14152  | 311234  | 2.27%  | 0.087% |
| 97  | 8.562  | 8.542  | 8.574  | VV | 4482   | 78501   | 0.57%  | 0.022% |
| 98  | 8.611  | 8.574  | 8.625  | VV | 9314   | 219585  | 1.60%  | 0.062% |
| 99  | 8.639  | 8.625  | 8.651  | VV | 9151   | 116334  | 0.85%  | 0.033% |
| 100 | 8.684  | 8.651  | 8.715  | VV | 684941 | 7324500 | 53.37% | 2.054% |
| 101 | 8.726  | 8.715  | 8.745  | VV | 8293   | 114016  | 0.83%  | 0.032% |
| 102 | 8.801  | 8.745  | 8.832  | VV | 795113 | 8029002 | 58.51% | 2.252% |
| 103 | 8.851  | 8.832  | 8.865  | VV | 13318  | 199456  | 1.45%  | 0.056% |
| 104 | 8.875  | 8.865  | 8.891  | VV | 9474   | 115318  | 0.84%  | 0.032% |
| 105 | 8.911  | 8.891  | 8.948  | VV | 13361  | 255818  | 1.86%  | 0.072% |
| 106 | 9.044  | 9.034  | 9.070  | VV | 7851   | 159227  | 1.16%  | 0.045% |
| 107 | 9.102  | 9.070  | 9.196  | VV | 786886 | 8534717 | 62.19% | 2.394% |
| 108 | 9.221  | 9.196  | 9.248  | VV | 22438  | 340823  | 2.48%  | 0.096% |
| 109 | 9.274  | 9.248  | 9.288  | VV | 6273   | 120828  | 0.88%  | 0.034% |
| 110 | 9.302  | 9.288  | 9.320  | VV | 5263   | 97386   | 0.71%  | 0.027% |
| 111 | 9.339  | 9.320  | 9.360  | VV | 7781   | 142263  | 1.04%  | 0.040% |
| 112 | 9.375  | 9.360  | 9.397  | VV | 7410   | 126641  | 0.92%  | 0.036% |
| 113 | 9.414  | 9.397  | 9.428  | VV | 5348   | 88644   | 0.65%  | 0.025% |
| 114 | 9.511  | 9.476  | 9.538  | VV | 41758  | 551663  | 4.02%  | 0.155% |
| 115 | 9.702  | 9.686  | 9.712  | VV | 4429   | 56856   | 0.41%  | 0.016% |
| 116 | 9.720  | 9.712  | 9.732  | VV | 3839   | 43281   | 0.32%  | 0.012% |
| 117 | 9.750  | 9.732  | 9.781  | VV | 5881   | 122072  | 0.89%  | 0.034% |
| 118 | 9.807  | 9.781  | 9.826  | VV | 7265   | 132843  | 0.97%  | 0.037% |
| 119 | 9.845  | 9.826  | 9.860  | VV | 4241   | 79547   | 0.58%  | 0.022% |
| 120 | 9.895  | 9.860  | 9.947  | VV | 774318 | 8350391 | 60.85% | 2.342% |
| 121 | 9.973  | 9.947  | 9.999  | VV | 10360  | 226044  | 1.65%  | 0.063% |
| 122 | 10.018 | 9.999  | 10.038 | VV | 7495   | 132289  | 0.96%  | 0.037% |
| 123 | 10.049 | 10.038 | 10.056 | VV | 5251   | 54417   | 0.40%  | 0.015% |
| 124 | 10.073 | 10.056 | 10.089 | VV | 10457  | 143811  | 1.05%  | 0.040% |
| 125 | 10.107 | 10.089 | 10.144 | VV | 14847  | 240137  | 1.75%  | 0.067% |
| 126 | 10.168 | 10.144 | 10.201 | VV | 53481  | 640922  | 4.67%  | 0.180% |
| 127 | 10.212 | 10.201 | 10.223 | VV | 5296   | 66040   | 0.48%  | 0.019% |
| 128 | 10.253 | 10.223 | 10.264 | VV | 6732   | 142806  | 1.04%  | 0.040% |
| 129 | 10.298 | 10.264 | 10.370 | VV | 758883 | 8467859 | 61.71% | 2.375% |
| 130 | 10.477 | 10.450 | 10.533 | VV | 3831   | 114866  | 0.84%  | 0.032% |
| 131 | 10.575 | 10.533 | 10.598 | VV | 3376   | 83089   | 0.61%  | 0.023% |
| 132 | 10.742 | 10.717 | 10.759 | VV | 5426   | 106542  | 0.78%  | 0.030% |
| 133 | 10.829 | 10.803 | 10.864 | VV | 8019   | 147622  | 1.08%  | 0.041% |
| 134 | 10.890 | 10.864 | 10.902 | VV | 2674   | 45826   | 0.33%  | 0.013% |
| 135 | 10.955 | 10.924 | 10.986 | VV | 4753   | 132483  | 0.97%  | 0.037% |
| 136 | 10.995 | 10.986 | 11.008 | VV | 3030   | 36352   | 0.26%  | 0.010% |
| 137 | 11.038 | 11.008 | 11.081 | VV | 42059  | 590734  | 4.30%  | 0.166% |
| 138 | 11.110 | 11.081 | 11.142 | VV | 30965  | 470171  | 3.43%  | 0.132% |
| 139 | 11.152 | 11.142 | 11.195 | VV | 3722   | 92486   | 0.67%  | 0.026% |
| 140 | 11.310 | 11.195 | 11.345 | VV | 676830 | 7504229 | 54.68% | 2.105% |
| 141 | 11.386 | 11.345 | 11.421 | VV | 646215 | 7291024 | 53.13% | 2.045% |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

|     |        |        |        |    |        |         |        |        |                                                                 |  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|-----------------------------------------------------------------|--|
|     |        |        |        |    |        |         | rteres |        | rtes                                                            |  |
| 142 | 11.431 | 11.421 | 11.477 | VV | 9582   | 213808  | 1.56%  | 0.060% | Manual Integration :<br>Reviewed By :Yogesh<br>Supervised By :m |  |
| 143 | 11.493 | 11.477 | 11.528 | VV | 5649   | 109937  | 0.05%  | 0.002% |                                                                 |  |
| 144 | 11.548 | 11.528 | 11.580 | VV | 6493   | 102999  | 0.05%  | 0.002% |                                                                 |  |
| 145 | 11.605 | 11.580 | 11.633 | VV | 3829   | 79129   | 0.05%  | 0.002% |                                                                 |  |
| 146 | 11.674 | 11.633 | 11.687 | VV | 2834   | 70918   | 0.05%  | 0.002% |                                                                 |  |
| 147 | 11.748 | 11.687 | 11.811 | VV | 758774 | 8799018 | 64.39% | 2.478% |                                                                 |  |
| 148 | 11.836 | 11.811 | 11.884 | VV | 18004  | 281552  | 2.05%  | 0.079% |                                                                 |  |
| 149 | 11.904 | 11.884 | 11.925 | VV | 2145   | 34929   | 0.25%  | 0.010% |                                                                 |  |
| 150 | 11.944 | 11.925 | 11.972 | VV | 1989   | 34837   | 0.25%  | 0.010% |                                                                 |  |
| 151 | 12.006 | 11.972 | 12.020 | VV | 2215   | 50354   | 0.37%  | 0.014% |                                                                 |  |
| 152 | 12.074 | 12.020 | 12.123 | VV | 617936 | 6629539 | 48.31% | 1.859% |                                                                 |  |
| 153 | 12.144 | 12.123 | 12.164 | VV | 6478   | 100342  | 0.73%  | 0.028% |                                                                 |  |
| 154 | 12.180 | 12.164 | 12.198 | VV | 3780   | 56532   | 0.41%  | 0.016% |                                                                 |  |
| 155 | 12.230 | 12.198 | 12.248 | VV | 5076   | 90143   | 0.66%  | 0.025% |                                                                 |  |
| 156 | 12.262 | 12.248 | 12.281 | VV | 3080   | 39724   | 0.29%  | 0.011% |                                                                 |  |
| 157 | 12.298 | 12.281 | 12.338 | VV | 3149   | 55395   | 0.40%  | 0.016% |                                                                 |  |
| 158 | 12.357 | 12.338 | 12.369 | VV | 1170   | 19559   | 0.14%  | 0.005% |                                                                 |  |
| 159 | 12.417 | 12.369 | 12.468 | VV | 36651  | 542515  | 3.95%  | 0.152% |                                                                 |  |
| 160 | 12.481 | 12.468 | 12.498 | VV | 1777   | 29483   | 0.21%  | 0.008% |                                                                 |  |
| 161 | 12.517 | 12.498 | 12.564 | VV | 2052   | 55768   | 0.41%  | 0.016% |                                                                 |  |
| 162 | 12.574 | 12.564 | 12.598 | VV | 628    | 8200    | 0.06%  | 0.002% |                                                                 |  |
| 163 | 12.617 | 12.598 | 12.630 | PV | 1099   | 12966   | 0.09%  | 0.004% |                                                                 |  |
| 164 | 12.663 | 12.630 | 12.741 | VV | 22393  | 327221  | 2.38%  | 0.092% |                                                                 |  |
| 165 | 12.758 | 12.741 | 12.774 | VV | 2514   | 31424   | 0.23%  | 0.009% |                                                                 |  |
| 166 | 12.797 | 12.774 | 12.817 | VV | 3564   | 60919   | 0.44%  | 0.017% |                                                                 |  |
| 167 | 12.832 | 12.817 | 12.864 | VV | 4035   | 61499   | 0.45%  | 0.017% |                                                                 |  |
| 168 | 12.884 | 12.864 | 12.948 | VV | 4284   | 84651   | 0.62%  | 0.024% |                                                                 |  |
| 169 | 12.984 | 12.948 | 12.995 | VV | 1907   | 31244   | 0.23%  | 0.009% |                                                                 |  |
| 170 | 13.016 | 12.995 | 13.031 | VV | 3135   | 50474   | 0.37%  | 0.014% |                                                                 |  |
| 171 | 13.064 | 13.031 | 13.104 | VV | 773346 | 8836563 | 64.39% | 2.478% |                                                                 |  |
| 172 | 13.140 | 13.104 | 13.225 | VV | 576562 | 6650725 | 48.46% | 1.865% |                                                                 |  |
| 173 | 13.235 | 13.225 | 13.246 | VV | 505    | 5790    | 0.04%  | 0.002% |                                                                 |  |
| 174 | 13.273 | 13.246 | 13.290 | VV | 807    | 16098   | 0.12%  | 0.005% |                                                                 |  |
| 175 | 13.324 | 13.290 | 13.366 | VV | 7096   | 122373  | 0.89%  | 0.034% |                                                                 |  |
| 176 | 13.383 | 13.366 | 13.403 | VV | 1825   | 23450   | 0.17%  | 0.007% |                                                                 |  |
| 177 | 13.442 | 13.403 | 13.475 | VV | 581778 | 6608221 | 48.15% | 1.853% |                                                                 |  |
| 178 | 13.510 | 13.475 | 13.541 | VV | 425143 | 5118881 | 37.30% | 1.436% |                                                                 |  |
| 179 | 13.555 | 13.541 | 13.597 | VV | 3815   | 83648   | 0.61%  | 0.023% |                                                                 |  |
| 180 | 13.615 | 13.597 | 13.634 | VV | 2173   | 32768   | 0.24%  | 0.009% |                                                                 |  |
| 181 | 13.678 | 13.634 | 13.746 | VV | 669874 | 8245373 | 60.08% | 2.313% |                                                                 |  |
| 182 | 13.764 | 13.746 | 13.820 | VV | 2228   | 60139   | 0.44%  | 0.017% |                                                                 |  |
| 183 | 13.857 | 13.820 | 13.874 | PV | 1115   | 24867   | 0.18%  | 0.007% |                                                                 |  |
| 184 | 13.906 | 13.874 | 13.934 | VV | 3427   | 70466   | 0.51%  | 0.020% |                                                                 |  |
| 185 | 13.951 | 13.934 | 13.969 | VV | 2088   | 32625   | 0.24%  | 0.009% |                                                                 |  |
| 186 | 13.982 | 13.969 | 13.999 | VV | 1563   | 21655   | 0.16%  | 0.006% |                                                                 |  |
| 187 | 14.025 | 13.999 | 14.042 | VV | 3201   | 53279   | 0.39%  | 0.015% |                                                                 |  |
| 188 | 14.056 | 14.042 | 14.081 | VV | 2454   | 47681   | 0.35%  | 0.013% |                                                                 |  |
| 189 | 14.102 | 14.081 | 14.124 | VV | 3904   | 62830   | 0.46%  | 0.018% |                                                                 |  |
| 190 | 14.139 | 14.124 | 14.154 | VV | 1673   | 26471   | 0.19%  | 0.007% |                                                                 |  |
| 191 | 14.178 | 14.154 | 14.200 | VV | 2914   | 56050   | 0.41%  | 0.016% |                                                                 |  |
| 192 | 14.216 | 14.200 | 14.229 | VV | 2232   | 33015   | 0.24%  | 0.009% |                                                                 |  |
| 193 | 14.266 | 14.229 | 14.336 | VV | 627605 | 7842388 | 57.15% | 2.200% |                                                                 |  |
| 194 | 14.350 | 14.336 | 14.372 | VV | 2035   | 28487   | 0.21%  | 0.008% |                                                                 |  |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
| 195 | 14.395 | 14.372 | 14.429 | VV | 1448    | 28412    | 0.21%   | 0.008% |
| 196 | 14.449 | 14.429 | 14.461 | VV | 882     | 9350     |         |        |
| 197 | 14.560 | 14.528 | 14.583 | VV | 698     | 11555    |         |        |
| 198 | 14.598 | 14.583 | 14.608 | VV | 382     | 2518     |         |        |
| 199 | 14.681 | 14.608 | 14.718 | PV | 1960    | 78832    |         |        |
| 200 | 15.011 | 14.988 | 15.021 | PV | 1655    | 19920    |         |        |
| 201 | 15.039 | 15.021 | 15.060 | VV | 1298    | 24293    | 0.18%   | 0.007% |
| 202 | 15.076 | 15.060 | 15.117 | VV | 1044    | 30963    | 0.23%   | 0.009% |
| 203 | 15.133 | 15.117 | 15.157 | VV | 1126    | 17441    | 0.13%   | 0.005% |
| 204 | 15.205 | 15.157 | 15.248 | VV | 6377    | 109213   | 0.80%   | 0.031% |
| 205 | 15.264 | 15.248 | 15.288 | VV | 1086    | 18667    | 0.14%   | 0.005% |
| 206 | 15.330 | 15.288 | 15.348 | VV | 483876  | 6528082  | 47.57%  | 1.831% |
| 207 | 15.373 | 15.348 | 15.440 | VV | 1112310 | 13723079 | 100.00% | 3.849% |
| 208 | 15.461 | 15.440 | 15.508 | VV | 3305    | 105113   | 0.77%   | 0.029% |
| 209 | 15.525 | 15.508 | 15.543 | VV | 2136    | 41228    | 0.30%   | 0.012% |
| 210 | 15.560 | 15.543 | 15.601 | VV | 2158    | 47508    | 0.35%   | 0.013% |
| 211 | 15.640 | 15.601 | 15.666 | VV | 1720    | 46243    | 0.34%   | 0.013% |
| 212 | 15.682 | 15.666 | 15.689 | VV | 915     | 10609    | 0.08%   | 0.003% |
| 213 | 15.704 | 15.689 | 15.723 | VV | 1087    | 16188    | 0.12%   | 0.005% |
| 214 | 15.972 | 15.935 | 16.015 | VV | 5498    | 110820   | 0.81%   | 0.031% |
| 215 | 16.037 | 16.015 | 16.064 | VV | 1882    | 32481    | 0.24%   | 0.009% |
| 216 | 16.302 | 16.218 | 16.318 | VV | 1695    | 77020    | 0.56%   | 0.022% |
| 217 | 16.398 | 16.318 | 16.484 | VV | 515739  | 6592744  | 48.04%  | 1.849% |
| 218 | 16.494 | 16.484 | 16.512 | VV | 1050    | 13173    | 0.10%   | 0.004% |
| 219 | 16.527 | 16.512 | 16.544 | VV | 1090    | 12824    | 0.09%   | 0.004% |
| 220 | 16.603 | 16.544 | 16.625 | PV | 2664    | 64789    | 0.47%   | 0.018% |
| 221 | 16.706 | 16.625 | 16.730 | VV | 2567    | 71592    | 0.52%   | 0.020% |
| 222 | 16.777 | 16.730 | 16.788 | PV | 2436    | 45281    | 0.33%   | 0.013% |
| 223 | 16.808 | 16.788 | 16.826 | VV | 2102    | 33799    | 0.25%   | 0.009% |
| 224 | 16.898 | 16.826 | 16.914 | PV | 460308  | 7146707  | 52.08%  | 2.004% |
| 225 | 16.932 | 16.914 | 17.003 | VV | 567103  | 7136233  | 52.00%  | 2.001% |
| 226 | 17.024 | 17.003 | 17.060 | VV | 4521    | 101486   | 0.74%   | 0.028% |
| 227 | 17.075 | 17.060 | 17.086 | VV | 2150    | 26223    | 0.19%   | 0.007% |
| 228 | 17.102 | 17.086 | 17.126 | VV | 1867    | 31810    | 0.23%   | 0.009% |
| 229 | 17.146 | 17.126 | 17.164 | VV | 3018    | 41520    | 0.30%   | 0.012% |
| 230 | 17.216 | 17.164 | 17.238 | VV | 5467    | 107645   | 0.78%   | 0.030% |
| 231 | 17.282 | 17.238 | 17.314 | VV | 510737  | 6784667  | 49.44%  | 1.903% |
| 232 | 17.350 | 17.314 | 17.414 | VV | 469077  | 6560886  | 47.81%  | 1.840% |
| 233 | 17.424 | 17.414 | 17.450 | VV | 3657    | 59711    | 0.44%   | 0.017% |
| 234 | 17.463 | 17.450 | 17.475 | VV | 2492    | 32320    | 0.24%   | 0.009% |
| 235 | 17.533 | 17.475 | 17.543 | VV | 3022    | 97925    | 0.71%   | 0.027% |
| 236 | 17.608 | 17.543 | 17.624 | VV | 4842    | 170090   | 1.24%   | 0.048% |
| 237 | 17.631 | 17.624 | 17.648 | VV | 3683    | 45895    | 0.33%   | 0.013% |
| 238 | 17.728 | 17.706 | 17.741 | VV | 3528    | 65208    | 0.48%   | 0.018% |
| 239 | 17.849 | 17.831 | 17.865 | VV | 2729    | 41482    | 0.30%   | 0.012% |
| 240 | 17.878 | 17.865 | 17.903 | VV | 2696    | 37176    | 0.27%   | 0.010% |
| 241 | 17.984 | 17.959 | 17.998 | PV | 2521    | 34893    | 0.25%   | 0.010% |
| 242 | 18.012 | 17.998 | 18.021 | VV | 1044    | 13288    | 0.10%   | 0.004% |
| 243 | 18.129 | 18.095 | 18.148 | VV | 7094    | 129414   | 0.94%   | 0.036% |
| 244 | 18.241 | 18.148 | 18.283 | VV | 488634  | 6897804  | 50.26%  | 1.935% |
| 245 | 18.329 | 18.283 | 18.351 | VV | 6558    | 217250   | 1.58%   | 0.061% |
| 246 | 18.401 | 18.351 | 18.424 | VV | 17826   | 395797   | 2.88%   | 0.111% |

Instrument :

FID\_E

ClientSampleId :

TR-05-09162025MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

|     |        |        |        |    |        | rteres   |        | reres                                |  |
|-----|--------|--------|--------|----|--------|----------|--------|--------------------------------------|--|
| 247 | 18.437 | 18.424 | 18.477 | VV | 9518   | 210164   | 1.53%  | 0.059%                               |  |
| 248 | 18.500 | 18.477 | 18.517 | VV | 6518   | 123232   | 0.00%  | 0.00%                                |  |
| 249 | 18.605 | 18.517 | 18.617 | VV | 16877  | 524625   | 3.00%  | 0.00%                                |  |
| 250 | 18.659 | 18.617 | 18.675 | VV | 370812 | 6097631  | 44.00% | 0.00%                                |  |
|     |        |        |        |    |        |          |        | Manual Integration                   |  |
| 251 | 18.695 | 18.675 | 18.752 | VV | 445565 | 6933020  | 50.00% | 0.00%                                |  |
| 252 | 18.770 | 18.752 | 18.834 | VV | 32493  | 1179946  | 8.00%  | 0.00%                                |  |
| 253 | 18.918 | 18.834 | 19.019 | VV | 355162 | 7295487  | 53.16% | 2.046%                               |  |
| 254 | 19.075 | 19.019 | 19.141 | VV | 509395 | 8266233  | 60.24% | 2.318%                               |  |
| 255 | 19.195 | 19.141 | 19.220 | VV | 29703  | 1149093  | 8.37%  | 0.322%                               |  |
|     |        |        |        |    |        |          |        | Reviewed By :Yog<br>Supervised By :m |  |
| 256 | 19.239 | 19.220 | 19.314 | VV | 26873  | 1250415  | 9.11%  | 0.351%                               |  |
| 257 | 19.331 | 19.314 | 19.341 | VV | 22655  | 337190   | 2.46%  | 0.095%                               |  |
| 258 | 19.352 | 19.341 | 19.383 | VV | 23004  | 547156   | 3.99%  | 0.153%                               |  |
| 259 | 19.468 | 19.383 | 19.495 | VV | 41408  | 1858011  | 13.54% | 0.521%                               |  |
| 260 | 19.534 | 19.495 | 19.551 | VV | 27059  | 867881   | 6.32%  | 0.243%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 261 | 19.597 | 19.551 | 19.624 | VV | 31055  | 1213137  | 8.84%  | 0.340%                               |  |
| 262 | 19.639 | 19.624 | 19.647 | VV | 29280  | 367303   | 2.68%  | 0.103%                               |  |
| 263 | 19.673 | 19.647 | 19.688 | VV | 30010  | 715103   | 5.21%  | 0.201%                               |  |
| 264 | 19.767 | 19.688 | 19.800 | VV | 33103  | 2020613  | 14.72% | 0.567%                               |  |
| 265 | 19.861 | 19.800 | 19.891 | VV | 514845 | 8663311  | 63.13% | 2.430%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 266 | 19.900 | 19.891 | 19.924 | VV | 49040  | 881630   | 6.42%  | 0.247%                               |  |
| 267 | 19.935 | 19.924 | 19.945 | VV | 40876  | 493165   | 3.59%  | 0.138%                               |  |
| 268 | 19.994 | 19.945 | 20.028 | VV | 44142  | 2102295  | 15.32% | 0.590%                               |  |
| 269 | 20.052 | 20.028 | 20.067 | VV | 42347  | 981114   | 7.15%  | 0.275%                               |  |
| 270 | 20.086 | 20.067 | 20.094 | VV | 44441  | 709413   | 5.17%  | 0.199%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 271 | 20.110 | 20.094 | 20.121 | VV | 45370  | 705501   | 5.14%  | 0.198%                               |  |
| 272 | 20.136 | 20.121 | 20.145 | VV | 46244  | 646705   | 4.71%  | 0.181%                               |  |
| 273 | 20.231 | 20.184 | 20.261 | VV | 70352  | 2587159  | 18.85% | 0.726%                               |  |
| 274 | 20.349 | 20.335 | 20.368 | VV | 52400  | 996249   | 7.26%  | 0.279%                               |  |
| 275 | 20.525 | 20.368 | 20.561 | VV | 71076  | 6901656  | 50.29% | 1.936%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 276 | 20.603 | 20.561 | 20.658 | VV | 533952 | 10544100 | 76.83% | 2.957%                               |  |
| 277 | 20.678 | 20.658 | 20.695 | VV | 67574  | 1468370  | 10.70% | 0.412%                               |  |
| 278 | 20.745 | 20.695 | 20.807 | VV | 74505  | 4575422  | 33.34% | 1.283%                               |  |
| 279 | 20.914 | 20.899 | 20.941 | VV | 62230  | 1503284  | 10.95% | 0.422%                               |  |
| 280 | 20.969 | 20.941 | 20.998 | VV | 72457  | 2267959  | 16.53% | 0.636%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 281 | 21.007 | 20.998 | 21.017 | VV | 62826  | 720312   | 5.25%  | 0.202%                               |  |
| 282 | 21.047 | 21.017 | 21.061 | VV | 67158  | 1690041  | 12.32% | 0.474%                               |  |
| 283 | 21.088 | 21.061 | 21.188 | VV | 68293  | 4438707  | 32.34% | 1.245%                               |  |
| 284 | 21.235 | 21.188 | 21.246 | VV | 51127  | 1711072  | 12.47% | 0.480%                               |  |
| 285 | 21.253 | 21.246 | 21.261 | VV | 49607  | 453576   | 3.31%  | 0.127%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 286 | 21.279 | 21.261 | 21.292 | VV | 53444  | 971521   | 7.08%  | 0.272%                               |  |
| 287 | 21.380 | 21.292 | 21.438 | VV | 426734 | 11631379 | 84.76% | 3.262%                               |  |
| 288 | 21.447 | 21.438 | 21.471 | VV | 43221  | 821942   | 5.99%  | 0.231%                               |  |
| 289 | 21.480 | 21.471 | 21.548 | VV | 39337  | 1555855  | 11.34% | 0.436%                               |  |
| 290 | 21.566 | 21.548 | 21.579 | VV | 32333  | 591015   | 4.31%  | 0.166%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 291 | 21.608 | 21.579 | 21.624 | VV | 36835  | 950348   | 6.93%  | 0.267%                               |  |
| 292 | 21.635 | 21.624 | 21.648 | VV | 37003  | 500578   | 3.65%  | 0.140%                               |  |
| 293 | 21.656 | 21.648 | 21.690 | VV | 38099  | 912518   | 6.65%  | 0.256%                               |  |
| 294 | 21.756 | 21.729 | 21.773 | VV | 32207  | 823176   | 6.00%  | 0.231%                               |  |
| 295 | 21.785 | 21.773 | 21.792 | VV | 31237  | 334201   | 2.44%  | 0.094%                               |  |
|     |        |        |        |    |        |          |        |                                      |  |
| 296 | 21.802 | 21.792 | 21.813 | VV | 32607  | 392040   | 2.86%  | 0.110%                               |  |
| 297 | 21.890 | 21.884 | 21.930 | VV | 22525  | 570990   | 4.16%  | 0.160%                               |  |
| 298 | 21.955 | 21.930 | 21.964 | VV | 22729  | 434918   | 3.17%  | 0.122%                               |  |
| 299 | 22.023 | 22.011 | 22.058 | VV | 22793  | 554795   | 4.04%  | 0.156%                               |  |

|                         |        |        |        |    |           |         |       |        |
|-------------------------|--------|--------|--------|----|-----------|---------|-------|--------|
|                         |        |        |        |    | rters     |         |       |        |
| 300                     | 22.073 | 22.058 | 22.131 | VV | 18655     | 668487  |       |        |
| 301                     | 22.143 | 22.131 | 22.154 | VV | 12908     | 172429  |       |        |
| 302                     | 22.195 | 22.154 | 22.204 | VV | 14258     | 387114  |       |        |
| 303                     | 22.210 | 22.204 | 22.221 | VV | 12155     | 114572  |       |        |
| 304                     | 22.234 | 22.221 | 22.288 | VV | 12857     | 405079  |       |        |
| 305                     | 22.370 | 22.288 | 22.471 | VV | 266271    | 7521146 | 54    |        |
| 306                     | 22.481 | 22.471 | 22.495 | VV | 4501      | 53567   | 0.39% | 0.015% |
| 307                     | 22.506 | 22.495 | 22.511 | VV | 4919      | 37779   | 0.28% | 0.011% |
| 308                     | 22.518 | 22.511 | 22.545 | VV | 5046      | 71555   | 0.52% | 0.020% |
| Sum of corrected areas: |        |        |        |    | 356550368 |         |       |        |

Instrument :  
FID\_E  
ClientSampleId :  
TR-05-09162025MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025  
Supervised By :mohammad ahmed 09/19/2025

Aliphatic EPH 082925.M Thu Sep 18 02:18:10 2025